ELSEVIER

Journal of Virological Methods 50 (1994) 357–359

Journal of Virological Methods

Contents Volume 50

Nos. 1–3

Instructions to Authors v

Research Papers

G. Hausdorf, A. Gewieß, V. Wray and T. Porstmann (Germany)
A recombinant human immunodeficiency virus type-1 capsid protein (rp24): its expression, purification and physico-chemical characterization 1

M.C. Höfner, W.C. Carpenter, N.P. Ferris, R.P. Kitching and F. Ariza Botero (UK, Colombia)
A hemi-nested PCR assay for the detection and identification of vesicular stomatitis virus nucleic acid 11

D.S. Hughes, R.D. Possee and L.A. King (UK)
Quantification of latent *Mamestra brassicae* nuclear polyhedrosis virus in *M. brassicae* insects using a PCR-scintillation proximity assay 21

H.J. Montassier, J.P. Araújo Jr. and A.A. Pinto (Brazil)
Rapid coagglutination test for the detection and typing of foot and mouth disease virus 29

K.-H. Heermann, Y. Hagos and R. Thomssen (Germany)
Liquid-phase hybridization and capture of hepatitis B virus DNA with magnetic beads and fluorescence detection of PCR product 43

R. Jardi, M. Buti, F. Rodriguez, M. Cotrina, H. Allende, R. Esteban and J. Guardia (Spain)
Comparative analysis of serological markers of chronic delta infection: HDV-RNA, serum HDAg and anti-HD IgM 59

G. Gallinella, N.S. Young and K.E. Brown (USA)
In situ hybridisation and in situ polymerase chain reaction detection of parvovirus B19 DNA within cells 67

K.Y. Pilcher, N. Avery, S.M. Shiigi, N. Pangares, A. Malley, M.K. Axthelm and C.A. Machida (USA)
Polymerase chain reaction detection of type D simian retrovirus proviral DNA from infected macaques 75

T. Kok, L.D. Mickan and C.J. Burrell (Australia)
Routine diagnosis of seven respiratory viruses and *Mycoplasma pneumoniae* by enzyme immunoassay 87

J. Barlough, N. East, J.D. Rowe, K. Van Hoosear, E. DeRock, L. Bigornia and E. Rimstad (USA, Norway)
Double-nested polymerase chain reaction for detection of caprine arthritis-encephalitis virus proviral DNA in blood, milk, and tissues of infected goats 101

A. Merzouki, T. Mo, N. Vellani, A. Pattullo, M. Estable, M. O'Shaughnessy, C. Tsoukas and S. Cassol (Canada)
Accurate and differential quantitation of HIV-1 *tat*, *rev* and *nef* mRNAs by competitive PCR 115

N. Osterrieder, P.H. Hübert, C. Brandmüller and O.-R. Kaaden (Germany)
A touchdown PCR for the differentiation of equine herpesvirus type 1 (EHV-1) field strains from the modified live vaccine strain RacH 129

E. Kjeldsberg (Norway)
Serotyping of human astrovirus strains by immunogold staining electron microscopy 137
M. Sáiz, S. Castro, C. De Blas and J. Romero (Spain)
Serotype-specific detection of bean common mosaic potyvirus in bean leaf and seed tissue by enzymatic amplification 145
I.M. Roberts (UK)
Factors affecting the efficiency of immunogold labelling of plant virus antigens in thin sections 155
M.M. Siqueira, Z.A. Ferro, B.J. Cohen, D.W.G. Brown and J.P. Nascimento (Brazil, UK)
IgM antibody capture haemadherence test (MACHAT) for the detection of measles specific IgM 167
A. Sakrauski, B. Weber, H.H. Kessler, K. Pierer and H.W. Doerr (Germany, Austria)
Comparison of two hybridization assays for the rapid detection of PCR amplified HSV genome sequences from cerebrospinal fluid 175
D. Li, P.F. Green, M.A. Skinner, C. Jiang and N. Ross (UK)
Use of recombinant pp38 antigen of Marek's disease virus to identify serotype 1-specific antibodies in chicken sera by Western blotting 185
A.K. Dhar and R.P. Singh (Canada)
Improvement in the sensitivity of PVY^N detection by increasing the cDNA probe size 197
M.N. Pearson, J.E. Thomas and J.W. Randles (New Zealand, Australia)
Detection of an unidentified potyvirus from *Roystonea regia* palm using the polymerase chain reaction and degenerate, potyvirus specific, primers and potential problems arising from the amplification of host plant DNA sequences 211
K.F.T. Copeland, A.G.M. Haaksma, D. Derse and J.L. Heeney (The Netherlands, USA)
Detection of human T-cell leukaemia virus 1 permissive cells using cell lines producing selectable recombinant virions 219
M.A. Ganga, M.P. González, M. López-Lastra and A.M. Sandino (Chile)
Polyacrylamide gel electrophoresis of viral genomic RNA as a diagnostic method for infectious pancreatic necrosis virus detection 227
C. Daniel, A. Lamarre and P.J. Talbot (Canada)
Increased viral titers and enhanced reactivity of antibodies to the spike glycoprotein of murine coronavirus produced by infection at pH 6 237
S.A.L. Bennett, J.-H. Chen and H.C. Birnboim (Canada)
Recovery of a rare clone from a population of unstable retroviral vector-expressing mammalian cells using a new RNA extraction and slot-blot protocol 245
B. Makoschey, A.-C. Faisst, R. Le Grand, C. Coulibaly, C. Stahl-Hennig and G. Hunsmann (Germany, France)
SIV- and HIV-2-neutralising antibodies in infected macaques measured by a novel and simple neutralisation test based on a non-commercial antigen-ELISA 257
L.M. Schang and F.A. Osorio (USA)
Quantitation of latency established by attenuated strains of Pseudorabies (Aujeszky's disease) virus 269
H. Liebermann and R. Mentel (Germany)
Quantification of adenovirus particles 281
K. Fujita, F. Maldarelli, D.F.J. Purcell and J. Silver (USA)
Murine retroviral vector that induces long-term expression of HIV-1 envelope protein 293
E. Scholz, R.E. Porter and P. Guo (USA)
Differential diagnosis of infectious laryngotracheitis from other avian respiratory diseases by a simplified PCR procedure 313
B.A. Hassel and P.O.P. Ts'o (USA)
A sensitive assay for the IFN-regulated 2-5A synthetase enzyme 323
J.D. Meteyard and P.R. Young (Australia)
Optimization of PCR and automated sequencing of clinical isolates of respiratory syncytial virus (Short Communication) 335
L.A. Easton, Š. Vilček and P.F. Nettleton (UK)
Evaluation of a 'one tube' reverse transcription-polymerase chain reaction for the detection of ruminant pestiviruses (Short Communication) 343

E.-C. Kim, E.L. Durigon, D.D. Erdman and L.J. Anderson (South Korea, Brazil, USA)
Chemiluminescent microwell hybridization assay for direct detection of human parvovirus B19 DNA (Short Communication) 349

Announcement 355

Contents Vol. 50 357

Author Index 360

Subject Index 363